

WHAT IS CLAIMED IS:

1. A piezo-electric speaker comprising a piezo-electric member
generating a strain according to an electric signal applied thereto; a
5 piezo-electric vibration plate converting the strain to the acoustic vibration;
and a sound-board resonating to the acoustic vibration; the piezo-electric
plate being supported on the sound-board; the acoustic vibration caused by
the piezo-electric vibration plate being propagated from the sound-board to
the ambient air to generate a sound.
- 10 2. A piezo-electric speaker of claim 1 further comprising an elastic
member supporting the piezo-electric vibration plate on the sound-board for
generating a sound from the sound-board transmitted thereto from the
piezo-electric vibration plate via the elastic member.
3. A piezo-electric speaker of claim 2 wherein the elastic member is
15 adhered to the whole surface of the piezo-electric vibration plate.
4. A piezo-electric speaker of claim 2 wherein the elastic member
supports the piezo-electric vibration plate at the periphery thereof.
5. A piezo-electric speaker of claim 1 further comprising a vibration
transmitting member having a vibration propagating velocity higher than
20 that of the sound-board for supporting the periphery of the piezo-electric
vibration plate; the vibration transmitting member being mounted in an
aperture formed in the sound-board.
6. A piezo-electric speaker of claim 1 further comprising a vibration
transmitting member having a vibration propagating velocity higher than
25 that of the sound-board for supporting the periphery of the elastic member;
the vibration transmitting member being mounted in an aperture formed in
the sound-board.
7. A piezo-electric speaker of claim 5 wherein the vibration transmitting
member is a circle-annular vibration ring.

